APPENDIX E

HAZARD LOSS HISTORY TABLES

CONTENTS:

1. Colfax County
2. Madison County
3. Platte County

PURPOSE:

The purpose of this appendix is to provide a reference location for the hazard loss history tables for communities and other jurisdictions that are participating from outside of the three-county planning area. The community profiles that are located in the Partial Counties Appendix will utilize this appendix in reviewing historical occurrences for their county.

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COLFAX COUNTY (FROM LOWER ELKHORN NRD MULTI-JURISDICTION HAZARD MITIGATION PLAN)

HAZARD TYPE		COUNT	PROPERTY DAMAGE	CROP DAMAGE[2]
Agricultural disease	Animal disease[1]	10	22 Animals	N/A
	Plant disease[2]	10	N	$219,994
Chemical spills (fixed site)[3]		9	$0	N/A
Chemical spills (transportation)[4]		27	$0	N/A
Dam failure[5]		0	$0	N/A
Drought[6]		412/1,492 Months	N/A	$40,305,304
Extreme heat[7]		Avg. 7 days/year	N/A	$3,427,884
Flooding[7]	Flash flood	10	$120,000	$382,474
	Flood	35	$3,000,000	
Grass/wildfires[8]		47	$109,600	$4,506
Hail[7] *Range 0.75 – 4.0 in Average 1.22 in*		54	$3,000,000	$5,586,168
High winds[7] *Range 35 – 56 EG Average 50 EG*		17	$0	$1,029,343
Levee failure[9,10]		0	$0	$0
Severe thunderstorms[7] *1 fatality, 3 injuries*	Thunderstorm wind *Range 50 – 85 EG Average 57 EG*	30	$0	N/A
	Heavy rain	213	$50,000	$4,913,769
	Lightning	0	$0	N/A
Severe winter storms[7] *6 injuries*	Blizzard	4	$0	$218,060
	Extreme cold/Wind chill	5	$0	
	Heavy snow	4	$0	
	Ice storm	2	$0	
	Winter storm	36	$23,000	
	Winter weather	6	$0	
Terrorism & civil disorder[11,12]		0	$0	N/A
Tornadoes[7] *Range EF0 – EF2 Average EF1*		7	$560,000	$2,103

N/A: Data not available
1 - NDA, 2014 - 2019
2 - USDA RMA, 2000 - 2018
3 - NRC, 1990 - 2018
4 - PHSMA, 1971 - 2017
5 - Stanford NPDP, 1911 - 2016
6 - NOAA, 1895 - 2018
7 - NCEI, 1996 - 2018
8 - NFS, 2010 - 2017
9 - USACE NLD, 1900 - 2019
10 - USACE, 2019
11 - University of Maryland, 1970 - 2017
12 - University of Illinois, 1940 - 2017

MADISON COUNTY (FROM LOWER ELKHORN NRD MULTI-JURISDICTION HAZARD MITIGATION PLAN)

HAZARD TYPE		COUNT	PROPERTY DAMAGE	CROP DAMAGE[2]
Agricultural disease	Animal disease[1]	17	235 Animals	N/A
	Plant disease[2]	12	N/A	$201,662
Chemical spills (fixed site)[3] *1 fatality, 15 injuries*		41	$50,000	N/A
Chemical spills (transportation)[4]		64	$11,519	N/A
Dam failure[5]		0	$0	N/A
Drought[6]		412/1,492 months	N/A	$38,028,389
Extreme heat[7]		Avg. 3 days/year	N/A	$10,113,968
Flooding[7]	Flash flood	16	$554,00	$764,902
	Flood	59	$2,030,000	
Grass/wildfires[8]		443	N/A	$0
Hail[7] *Range 0.75 – 4.0 in* *Average 1.22 in*		140	$200,000	$18,496,252
High winds[7] *Range 35 – 56 EG* *Average 50 EG*		79	$12,000	$2,080,961
Levee failure[9,10]		0	$0	$0
Severe thunderstorms[7] *2 injuries*	Thunderstorm wind *Range 50 – 85 EG* *Average 57 EG*	46	$284,000	N/A
	Heavy rain	212	$0	$6,626,235
	Lightning	5	$105,00	N/A
Severe winter storms[7]	Blizzard	9	$0	$474,495
	Extreme cold/Wind chill	6	$0	
	Heavy snow	7	$0	
	Ice storm	2	$0	
	Winter storm	29	$150,000	
	Winter weather	51	$0	
Terrorism & civil disorder[11,12]		0	$0	N/A
Tornadoes[7] *Range EF0 – EF2* *Average EF1*		6	$83,000	$14,199

N/A: Data not available
1 - NDA, 2014 - 2019
2 - USDA RMA, 2000 - 2018
3 - NRC, 1990 - 2018
4 - PHSMA, 1971 - 2017
5 - Stanford NPDP, 1911 - 2016
6 - NOAA, 1895 - 2018
7 - NCEI, 1996 - 2018
8 - NFS, 2010 - 2017
9 - USACE NLD, 1900 - 2019
10 - USACE, 2019
11 - University of Maryland, 1970 - 2017
12 - University of Illinois, 1940 - 2017

PLATTE COUNTY

HAZARD TYPE		COUNT	PROPERTY DAMAGE	CROP DAMAGE[2]
Agricultural disease	Animal disease[1]	18	2,701 Animals	N/A
	Plant disease[2]	16	N/A	$138,455
Chemical spills (fixed site)[3]		3	$0	N/A
Chemical spills (transportation)[4]		1	$0	N/A
Dam failure[5]		0	$0	N/A
Drought[6]		412/1,492 months	N/A	$37,948,748
Extreme heat[7]		Avg. 4 days/year	N/A	$7,113,674
Flooding[8]	Flash flood	18	$382,200	$716,852
	Flood	25	$226,000	
Grass/wildfires[9]		81	N/A	$4,100
Hail[8] *Range 0.75 – 4.5 in* *Average 1.17 in*		146	$7,500,000	$16,533,226
High winds[8] *Range 40 – 69 EG* *Average 52 EG*		23	$82,000	$2,709,121
Levee failure[10, 11]		0	$0	$0
Severe thunderstorms[8]	Thunderstorm wind *Range 50 – 95 EG* *Average 57 EG*	105	$530,000	N/A
	Heavy rain	3	$0	$5,151,578
	Lightning	3	$33,000	N/A
Severe winter storms[8]	Blizzard	7	$0	$208,264
	Extreme cold/Wind chill	5	$0	
	Heavy snow	3	$0	
	Ice storm	2	$0	
	Winter storm	35	$3,200,000	
	Winter weather	7	$0	
Terrorism & civil disorder[12, 13]		0	$0	N/A
Tornadoes[8] *17 injuries* *Range EF0 – EF2* *Average EF1*		9	$4,104,000	$4,058

N/A: Data not available
1 - NDA, 2014 - 2019
2 - USDA RMA, 2000 - 2018
3 - NRC, 1990 - February 2019
4 - PHSMA, 1971 - May 2019
5 - Stanford NPDP, 1911 - 2018
6 - NOAA, 1895 - April 2019
7 - NOAA Regional Climate Center, 1897 - May 2019
8 - NCEI, 1996 - February 2019
9 - NFS, 2010 - 2018
10 - USACE NLD, 1900 - 2019
11 - USACE, 2019
12 - University of Maryland, 1970 - 2017
13 - University of Illinois, 1940 - 2017